

Blueprism: Dynamics 365 Authenticate

user guide



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Blue Prism Limited, Centrix House, Crow Lane East, Newton-le-Willows, WA12 9UY, United Kingdom  
Registered in England: Reg. No. 4260035. Tel: +44 870 879 3000. Web: [www.blueprism.com](file:///C:/Users/adutton/Documents/Rebranding/Templates/www.blueprism.com)

# Introduction

This asset is designed to provide a standardized mechanism for implementing Microsoft Dynamics 365 authentication within a Blue Prism environment. The version of this asset contains one action for obtaining an access token required for API interactions with an instance of Microsoft Dynamics 365.

# Pre-requisites

Usage of this asset is dependent upon the following:

* An instance of Blue Prism, v6.6 or higher
* Access to an instance of Microsoft Dynamics 365
* Access to the following values for that instance of Microsoft Dynamics 365:
  + Tenant Id
  + Client Id
  + Client Secret

# Configuration

Begin by importing the ***.bpskill*** file which contains the following:

* Web API Services
  + Blueprism: Dynamics 365 Authenticate
* Credentials
  + Blue Prism - Dynamics 365 OAuth

Once the asset has been enabled, the credential has been set up, and the correct usage permissions applied to the credential, the Skill is ready for use.

**Configurations Notes:**

The credential is configured as type OAuth 2.0 (Client Credentials). You must set the value of the **Client ID** and **Client Secret** of the imported credential definition to that of the Client ID and Client Secret for your Microsoft Dynamics 365 instance.

# Using the Asset

The Skill contains the following actions:

## Get Access Token

This action executes a POST request to an OAuth2 token url within <https://login.microsoftonline.com> to obtain an access token. The access token returned can be used in subsequent calls to an instance of Microsoft Dynamics 365.

Inputs:

| Name | Description | Data Type |
| --- | --- | --- |
| TenantId | The Directory ID for the Azure Active Directory associated with the instance of Microsoft Dynamics 365 being authenticated. | Text |
| ClientId | The Application ID associated with the app registered in Azure for API access to the instance of Microsoft Dynamics 365 being authenticated. | Text |
| ClientSecret | A valid key associated with the app registered in Azure for API access to the instance of Microsoft Dynamics 365 being authenticated. | Password |
| Resource | The url for the instance of Microsoft Dynamics 365 being authenticated. | Text |

Outputs:

| Name | Description | Data Type |
| --- | --- | --- |
| Access Token | The access token | Text |
| Response Content | The raw JSON response | Text |
| HTTP Status Code | The HTTP status code | Text |
| Response Headers | A collection of the HTTP response headers | Collection |

# Support

Support for this skill is provided via the Blue Prism Digital Exchange Community Forum. Post your questions here:

[Digital Exchange Community Forum](https://community.blueprism.com/communities/community-home?communitykey=1e516cfe-4d1f-4de9-a9eb-58d15bf38c81&tab=groupdetails)